

10/629,45/

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17520	(storage\$1 or stor\$4 or magnetic or optical) near5 (disc\$1 or disk\$1) near5 spindle\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:20
L2	45	((metal or spring\$1) near3 (bar\$1 or slab\$1 or stick\$1 or piece\$1 or object\$1)) near5 (press\$4 or brush\$4) near5 spindle\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:30
L3	1	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:22
L4	612	((metal or spring\$1) near3 (bar\$1 or slab\$1 or stick\$1 or piece\$1 or object\$1)) near5 spindle\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:31
L5	10	1 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:31
L6	121388	(brak\$4 or damp\$4) near6 (oscillat\$4 or vibrat\$4 or swing\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:33
L7	1	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:32
L8	0	3 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:32

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L9	130769	(brak\$4 or damp\$4) near9 (oscillat\$4 or vibrat\$4 or swing\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:33
L10	1	5 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:46
L11	8432	spindle\$1 same spring\$1 same (bar\$1 or stick\$1 or slab\$1 or piece\$1) same (brak\$4 or damp\$4 or swing\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:49
L12	1822	spindle\$1 same spring\$1 same (bar\$1 or stick\$1 or slab\$1 or piece\$1) same (brak\$4 or damp\$4 or swing\$4) same (calculated or precalculated or predetermined or estimat\$4 or predefined or defined)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 18:07
L13	2	spindle\$1 near15 spring\$1 near15 (bar\$1 or stick\$1 or slab\$1 or piece\$1) near15 (brak\$4 or damp\$4 or swing\$4) near15 (calculated or precalculated or predetermined or estimat\$4 or predefined or defined)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:54
L14	8	spindle\$1 near15 spring\$1 near15 (bar\$1 or rod\$1 or stick\$1 or slab\$1 or piece\$1) near15 (brak\$4 or damp\$4 or swing\$4) near15 (calculated or precalculated or predetermined or estimat\$4 or predefined or defined)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 18:02
L15	3	(medium near5 spindle\$1) same (spring\$1 near5 (bar\$1 or rod\$1 or stick\$1 or slab\$1)) same (brak\$4 or damp\$4) same (oscillat\$4 or vibrat\$4 or swing\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 18:04

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## EAST Search History

L16	2903	spindle\$1 same spring\$1 same (bar\$1 or rod\$1 or stick\$1 or slab\$1 or piece\$1) same (brak\$4 or damp\$4 or swing\$4) same (calculated or precalculated or predetermined or estimat\$4 or predefined or defined)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 18:12
L17	14	spindle\$1 near20 spring\$1 near20 (bar\$1 or rod\$1 or stick\$1 or slab\$1 or piece\$1) near20 (brak\$4 or damp\$4 or swing\$4) near20 (calculated or precalculated or predetermined or estimat\$4 or predefined or defined)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 18:37
L18	2	len\$1 near9 spindle\$1 near9 spring\$1 near9 (brak\$4 or vibrat\$4 or swing\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 18:39

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L1	17520	(storage\$1 or stor\$4 or magnetic or optical) near5 (disc\$1 or disk\$1) near5 spindle\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:20
L2	45	((metal or spring\$1) near3 (bar\$1 or slab\$1 or stick\$1 or piece\$1 or object\$1)) near5 (press\$4 or brush\$4) near5 spindle\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:30
L3	1	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:22
L4	612	((metal or spring\$1) near3 (bar\$1 or slab\$1 or stick\$1 or piece\$1 or object\$1)) near5 spindle\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:31
L5	10	1 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:31
L6	121388	(brak\$4 or damp\$4) near6 (oscillat\$4 or vibrat\$4 or swing\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:33
L7	1	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:32
L8	0	3 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:32

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## EAST Search History

L9	130769	(brak\$4 or damp\$4) near9 (oscillat\$4 or vibrat\$4 or swing\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:33
L10	1	5 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:34